

In the Specification

Kindly amend page 1, paragraph number [001] as follows:

[001] The present application claims the priority of U.S. Provisional Patent Application Serial No. ~~60/467,492~~60/467,942, filed on May 5, 2003, which is herein incorporated in its entirety by reference.

Kindly amend page 4, paragraph number [0011] as follows:

[0011] The system may also be programmed to receive information regarding a characteristic of the air circulating system from a[[n]] sensor for use in calculating the air filtration output information. The characteristic may comprise[[s]], for example, one or more selected from the group consisting of air pressure, air flow, air heat loss, fan usage, fan current draw, and fan power usage.

Kindly amend page 7, paragraph number [0027] as follows:

[0027] Figure 2 illustrates an example of a programmable thermostat. As shown in Figure 2, thermostat 200 may include an outer casing 202 to house the aforementioned components. Display window 204 ~~may be~~may be used for housing display 106 (Figure 1) for interaction with the user. Switches 206 may be used for switching between heating and cooling modes, or for switching an air handling fan from automatic mode to a constant “on” mode. Buttons 213 may further be used for inputting information into the thermostat, with information being presented through display window 204. Switches 206 and buttons 213 may be in communication with input device 102 (Figure 1) for inputting information into the programmable thermostat. Of course, these aspects of programmable

thermostats temperature control are well known in the art and will not be further elaborated upon here.

Kindly amend page 8, paragraph number [0030] as follows:

[0030] However, if aan air handling system is not properly maintained, the efficiency of the temperature control system may be greatly reduced, reducing its ability to adequately clean the circulated air. For example, a filter that is not changed or cleaned regularly may become clogged from a build up of particulate matter, reducing airflow through the system and increasing the amount of allergens within the ductwork. These additional allergens may consequently be circulated through the system even once a filter is replaced. Also, reduced or inconsistent airflow may allow allergens to collect in the system ductwork.

Kindly amend page 12, paragraph number [0043] as follows:

[0043] A schematic of an embodiment of a controller 105 of the invention for use with the aforementioned temperature control, fan control, and filter usage counter is illustrated in Figures 4(a)-(b). As shown in Figures 4(a)-(b), a microprocessor may be powered by a DC power board, and, in turn, power an LCD display. The microprocessor may have a plurality of outputs to individual segments on the LCD display for outputting information thereto to be viewed by the user. The microprocessor may also include the plurality of inputs/outputs to a temperature modifying device and to a series of switches (e.g., next, hold, down, and up). One of these switches SW2, may be selectable in this example, between a weekday program, a weekend program, date and time selection, setting the fan control information, setting the filter control information, and running or

operating the thermostat. By selecting one of these positions in SW2, the user may designate which aspect of the programming (e.g., temperature control, fan control, filter usage, etc.) setting may be inputted into the microprocessor using the remaining switches. Of course, those of ordinary skill in the art will appreciate that this is only one possible embodiment of the invention and is not limited thereto.